

O I P E 14P83
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PARENTS FOR AMERICA IN PTO

PTO/SB/08A (08-03)

Substitute for Form 14-04-04 PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/045,132
Sheet	1	of	16	Filing Date	October 23, 2001
				First Named Inventor	B. Scott Driggs
				Art Unit	3754
				Examiner Name	Eric S. Keasel
				Attorney Docket Number	20174C-002910US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ER	A1	US-3,570,515	03-16-1971	Kinner	
↑	A2	US-3,747,628	07-24-1973	Holster et al.	
	A3	US-4,046,159	09-08-1977	Pegourie	
	A4	US-4,119,368	10-10-1978	Yamakazi	
	A5	US-4,153,855	05-08-1979	Feingold	
	A6	US-4,245,673	01-20-1981	Bouteille et al.	
	A7	US-4,373,527	02-15-1983	Fischell	
	A8	US-4,399,219	08-16-1983	Weaver	
	A9	US-4,434,704	03-06-1984	Surjaatmadja	
	A10	US-4,575,681	03-11-1986	Grosso et al.	
	A11	US-4,662,710	05-05-1987	ten Berge	
	A12	US-4,898,582	02-06-1990	Faste	
	A13	US-4,992,312	02-12-1991	Frisch	
	A14	US-5,085,562	02-04-1992	Van Lintel	
	A15	US-5,088,515	02-18-1992	Kamen	
	A16	US-5,096,388	03-17-1992	Weinberg	
	A17	US-5,126,115	06-30-1992	Fujita et al.	
	A18	US-5,164,558	11-17-1992	Huff et al.	
	A19	US-5,171,132	12-15-1992	Miyazaki	
	A20	US-5,224,843	07-06-1993	Van Lintel	
	A21	US-5,259,737	11-09-1993	Kamisuki et al.	
↓	A22	US-5,265,327	11-30-1993	Faris et al.	
	A23	US-5,290,240	03-01-1994	Homes, Jr.	
ER	A24	US-5,336,062	08-09-1994	Richter	

Examiner Signature	<i>Eric Keasel</i>	Date Considered	1 SEP 2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/045,132
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ETC	A25	US-5,346,372	09-13-1994	Naruse et al.	
↑	A26	US-5,375,979	12-27-1994	Trah	
	A27	US-5,400,741	03-28-1995	DeTitta et al.	
	A28	US-5,423,287	06-13-1995	Usami et al.	
	A29	US-5,529,465	06-25-1996	Zengerle et al.	
	A30	US-5,574,893	11-12-1996	Southgate et al.	
	A31	US-5,593,130	01-14-1997	Hansson et al.	
	A32	US-5,642,015	06-24-1997	Whitehead et al.	
	A33	US-5,656,155	08-12-1997	Norcross et al.	
	A34	US-5,659,171	08-19-1997	Young et al.	
	A35	US-5,660,370	08-26-1997	Webster	
	A36	US-5,665,070	09-09-1997	McPhee	
	A37	US-5,681,024	10-28-1997	Lisec et al.	
	A38	US-5,705,018	01-06-1998	Hartley	
	A39	US-5,759,014	06-02-1998	Van Lintel	
	A40	US-5,775,371	07-07-1998	Pan et al.	
	A41	US-5,788,468	08-04-1998	Dewa et al.	
	A42	US-5,842,787	12-01-1998	Kopf-Sill et al.	
	A43	US-5,854,684	12-29-1998	Stabile et al.	
	A44	US-5,875,817	03-02-1999	Carter	
	A45	US-5,876,187	03-02-1999	Afromowitz	
↓	A46	US-5,932,799	08-03-1999	Moles	
	A47	US-5,942,443	08-24-1999	Parce et al.	
ETC	A48	US-5,997,961	12-07-1999	Feng et al.	

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ER	A49	US-6,043,080	03-28-2000	Lipshutz et al.	
↑	A50	US-6,123,769	09-26-2000	Sanjoh	
	A51	US-6,155,282	12-05-2000	Zachary et al.	
	A52	US-6,174,365 B1	01-16-2001	Sanjoh	
	A53	US-6,246,330 B1	06-12-2001	Nielsen	
	A54	US-6,296,673 B1	10-02-2001	Santarsiero et al.	
	A55	US-2001-0027745 A1	10-11-2001	Weigl et al.	
	A56	US-6,329,209 B1	12-11-2001	Wagner et al.	
	A57	US-2002-0005354 A1	01-17-2002	Spence et al.	
	A58	US-2002-0014673 A1	02-07-2002	Leedy	
	A59	US-6,345,502 B1	02-12-2002	Tai et al.	
	A60	US-6,358,387 B1	03-19-2002	Kopf-Sill et al.	
	A61	US-2002-0037499 A1	03-28-2002	Quake et al.	
	A62	US-2002-0045297 A1	04-18-2002	Leedy	
	A63	US-6,375,871 B1	04-23-2002	Bentsen et al.	
	A64	US-6,376,971 B1	04-23-2002	Pelrine et al.	
	A65	US-2002-0058332 A1	05-16-2002	Quake et al.	
	A66	US-6,409,832 B2	06-25-2002	Weigl et al.	
	A67	US-2002-0108096 A1	08-08-2002	Lee et al.	
	A68	US-6,488,832 B2	12-03-2002	Heller	
	A69	US-6,488,872 B1	12-03-2002	Beebe et al.	
✓	A70	US-6,520,936 B1	02-18-2003	Mann	
	A71	US-6,541,071 B1	04-01-2003	Bookbinder et al.	
ER	A72	US-2003-0080442 A1	05-01-2003	Unger	

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ERK	A73	US-2003-0134129 A1	07-17-2003	Lammertink et al.	
✓	A74	US-6,667,124 B2	12-23-2003	Suenaga et al.	
	A75	US-6,689,473 B2	02-10-2004	Guire et al.	
	A76	US-6,713,327 B2	03-30-2004	Leedy	
	A77	US-6,716,378 B2	04-06-2004	Yang et al.	
	A78	US-6,765,279 B2	07-20-2004	Leedy	
	A79	US-6,767,706 B2	07-27-2004	Quake et al.	
	A80	US-6,829,753 B2	12-07-2004	Lee et al.	
	A81	US-2004-0248167 A1	12-09-2004	Quake et al.	
	A82	US-6,847,153 B1	01-25-2005	Balizer	
✓	A83	US-6,866,785 B2	03-15-2005	Zare et al.	
	A84	US-2005-0065735 A1	03-24-2005	Lee et al.	
ERK	A85	US-6,884,346 B2	04-26-2005	Zare et al.	

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
EK	B1	EP	0 592 094	A2	04-13-1994	International Business Machines Corporation		<input type="checkbox"/>
	B2	EP	0 703 364	A1	03-27-1998	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.		<input type="checkbox"/>
	B3	EP	0 706 004	A2	04-10-1998	Bayer Corporation		<input type="checkbox"/>
	B4	EP	0 779 438	A2	06-18-1997	Frank T. Hartley		<input type="checkbox"/>
	B5	EP	0 829 360	A2	03-18-1998	Xerox Corporation		<input type="checkbox"/>
	B6	EP	0 845 603	A1	06-03-1998	Xerox Corporation		<input type="checkbox"/>
	B7	EP	0 999 055	A2	05-10-2000	Samsung Electronics Co., Ltd.		<input type="checkbox"/>
	B8	EP	1 065 378	A2	01-03-2001	California Institute Of Technology		<input type="checkbox"/>
	B9	GB	2 097 692	A	11-10-1982	Patrick Douglas Shaw Stewart		<input type="checkbox"/>
	B10	GB	2 155 152	A	09-18-1985	Allied Corporation		<input type="checkbox"/>
	B11	GB	2 308 460	A	06-25-1997	Daewoo Electronics Co., Ltd.		<input type="checkbox"/>
	B12	WO	98/07069	A1	02-19-1998	The Regents Of The University Of Michigan		<input type="checkbox"/>
	B13	WO	99/00655	A2	01-07-1999	Immunetics		<input type="checkbox"/>
	B14	WO	99/04361	A1	01-28-1999	Diversified Scientific, Inc.		<input type="checkbox"/>
EK	B15	WO	99/17093	A1	04-08-1999	The Regents Of The University Of Michigan		<input type="checkbox"/>
	B16	WO	99/52633	A1	10-21-1999	Lumenal Technologies, L.P.		<input type="checkbox"/>

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		Country Code ²	Number ³ (if known)			
EK	B17	WO	00/00678	A1 01-06-2000	University Of Washington	<input type="checkbox"/>
✓	B18	WO	00/43748	A1 07-27-2000	YSI Incorporated	<input type="checkbox"/>
✓	B19	WO	00/60345	A1 10-12-2000	University Of Alabama At Birmingham Research Foundation	<input type="checkbox"/>
	B20	WO	01/06529	A1 01-25-2001	Moeller GmbH	<input type="checkbox"/>
	B21	WO	01/06575	A1 01-25-2001	SRI International	<input type="checkbox"/>
✓	B22	WO	01/09595	A2/A3 02-08-2001	Emerald Biostructures, Inc.	<input type="checkbox"/>
EK	B23	WO	02/82047	A2 10-17-2002	California Institute Of Technology AND The Regents Of The University Of California	<input type="checkbox"/>

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NON PATENT LITERATURE DOCUMENTS					
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EK	C1	"Biochips," Nature Biotechnology, Vol. 18, Supplement 2000, pp. IT43-IT44, 2000			
↑	C2	"Chapter 9: Microfluidic Devices," Micromachined Transducers Sourcebook, pp. 779-882, 1998			
↑	C3	"Last Chance For Micromachines," The Economist Technology Quarterly, 8 pages, December 7, 2000			
	C4	AWN, CHONG H. et al., "Fluid Micropumps Based On Rotary Magnetic Actuators," Proceedings of 1995 IEEE Micro Electro Mechanical Systems Workshop (MEMS '95), Amsterdam, Netherlands, pp. 408-412, January 29 - February 2, 1995			
	C5	ANDERSON, JANELLE R. et al., "Fabrication Of Topologically Complex Three-Dimensional Microfluidic Systems In PDMS By Rapid Prototyping," Analytical Chemistry, Vol. 72, No. 14, pp. 3158-3164, July 15, 2000			
	C6	ANDERSON, ROLFE C. et al., "Microfluidic Biochemical Analysis System," Transducers '97, 1997 International Conference on Solid-State Sensors and Actuators, Chicago, Illinois, pp. 477-480, June 16-19, 1997			
	C7	ANGELL, JAMES B. et al., "Silicon Micromechanical Devices," Scientific American, pp. cover, 44-55, April 1983			
	C8	ARMANI, DENIZ et al., "Re-Configurable Fluid Circuits By PDMS Elastomer Micromachining," IEEE Int. Conf. Micro Electro Mech. Syst. Tech. Digest, Vol. 12, pp. 222-227, 1999			
	C9	BALLANTYNE, J. P. et al., "Selective Area Metallization By Electron-Beam Controlled Direct Metallic Deposition," J. Vac. Sci. Technol., Vol. 10, No. 6, pp. 1094-1097, November 1973			
	C10	BENARD, W. L. et al., "A Titanium-Nickel Shape-Memory Alloy Actuated Micropump," Transducers '97, 1997 International Conference on Solid-State Sensors and Actuators, Chicago, Illinois, pp. 361-364, June 16-19, 1997			
	C11	BLOOMSTEIN, T. M. et al., "Laser-Chemical Three-Dimensional Writing For Microelectromechanics And Application To Standard-Cell Microfluidics," J. Vac. Sci. Technol. B, Vol. 10, No. 6, pp. 2671-2674, November 1992			
	C12	BOUSSE, LUC et al., "Electrokinetically Controlled Microfluidic Analysis Systems," Annu. Rev. Biophys. Biomol. Struct., Vol. 29, pp. 155-181, 2000			
	C13	BRECHTEL, R. et al., "Control Of The Electroosmotic Flow By Metal-Salt-Containing Buffers," Journal of Chromatography A, Vol. 716, pp. 97-105, 1995			
↓	C14	BRYZEK, JANUSZ et al., "Micromachines On The March", IEEE Spectrum, Vol. 31, No. 5, pp. 20-31, May 1994			
		BUCHAILLOT, LIONEL et al., "Silicon Nitride Thin Films Young's Modulus Determination By An			
EK	1997				

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ER	C16	CALKINS, KATHRYN, "Mycometrix: Rubber Chips," <i>BioCentury</i> , 2 pages, October 16, 2000		
↑	C17	CHAN, JASON H. et al., "Microfabricated Polymer Devices For Automated Sample Delivery Of Peptides For Analysis By Electrospray Ionization Tandem Mass Spectrometry," <i>Analytical Chemistry</i> , Vol. 71, No. 20, pp. 4437-4444, October 15, 1999		
	C18	CHIANG, YUH-MIN et al., "Characterizing The Process Of Cast Molding Microfluidic Systems," <i>SPIE</i> , Vol. 3877, pp. 303-311, September 1999		
	C19	CHIU, DANIEL T. et al., "Patterned Deposition Of Cells And Proteins Onto Surfaces By Using Three-Dimensional Microfluidic Systems," <i>PNAS</i> , Vol. 97, No. 6, pp. 2408-2413, March 14, 2000		
	C20	CHOU, HOU-PU et al., "A Microfabricated Device For Sizing And Sorting DNA Molecules," <i>Proc. Natl. Acad. Sci.</i> , Vol. 96, pp. 11-13, January 1999		
	C21	CHOU, HOU-PU et al., "A Microfabricated Rotary Pump," <i>Biomedical Microdevices</i> , Vol. 3, No. 4, pp. 323-330, 2001		
	C22	CHOU, HOU-PU et al., "Integrated Elastomer Fluidic Lab-On-A-Chip-Surface Patterning And DNA Diagnostics," <i>Proceedings of the Solid State Actuator and Sensor Workshop</i> , Hilton Head, South Carolina, 4 pages, 2000		
	C23	CHOU, HOU-PU et al., "Multiple Disease Diagnostics On A Single Chip," <i>Biophysics Lab</i> , Caltech, pp. 1-4, March 1, 2000		
	C24	DELAMARCHE, EMMANUEL et al., "Patterned Delivery Of Immunoglobulins To Surfaces Using Microfluidic Networks," <i>Science</i> , Vol. 276, pp. 779-781, May 2, 1997		
	C25	DHARMATILLEKE, SAMAN et al., "Three-Dimensional Silicone Device Fabrication And Interconnection Scheme For Microfluidic Applications Using Sacrificial Wax Layers," <i>Micro-Electro-Mechanical Systems (MEMS)</i> , Vol. 2, pp. 413-418, 2000		
	C26	DUFFY, DAVID C. et al., "Patterning Electroluminescent Materials With Feature Sizes As Small As 5µm Using Elastomeric Membranes As Masks For Dry Lift-Off," <i>Advanced Materials</i> , Vol. 11, No. 7, pp. 546-552, 1999		
	C27	DUFFY, DAVID C. et al., "Rapid Prototyping Of Microfluidic Switches In Poly(dimethyl siloxane) And Their Actuation By Electro-Osmotic Flow," <i>J. Micromech. Microeng.</i> , Vol. 9, pp. 211-217, 1999		
	C28	DUFFY, DAVID C. et al., "Rapid Prototyping Of Microfluidic Systems In Poly(dimethylsiloxane)," <i>Analytical Chemistry</i> , Vol. 70, No. 23, pp. 4974-4984, December 1, 1998		
↓	C29	EFFENHAUSER, CARLO S. et al., "Integrated Capillary Electrophoresis On Flexible Silicone Microdevices: Analysis Of DNA Restriction Fragments And Detection Of Single DNA Molecules On Microchips," <i>Analytical Chemistry</i> , Vol. 69, No. 17, pp. 3451-3457, September 1, 1997		
ER	C30	EFFENHAUSER, CARLO S. et al., "Integrated Chip-Based Capillary Electrophoresis," <i>Electrophoresis</i> , Vol. 18, pp. 2203-2213, 1997		

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				Art Unit	3754
				Examiner Name	Eric S. Keasel
Sheet	9	of	16	Attorney Docket Number	20174C-002910US

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EIK	C31	ERICSON, CHRISTER et al., "Electroosmosis- And Pressure-Driven Chromatography In Chips Using Continuous Beds," <i>Analytical Chemistry</i> , Vol. 72, No. 1, pp. 81-87, January 1, 2000			
↑	C32	FAHRENBERG, J. et al., "A Microvalve System Fabricated By Thermoplastic Molding," <i>J. Micromech. Microeng.</i> , Vol. 5, pp. 169-171, 1995			
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	C40	GASS, V. et al., "Integrated Flow-Regulated Silicon Micropump," <i>Sensors and Actuators A</i> , Vol. 43, pp. 335-338, 1994			
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	C44	GREENE, CHANA, "Characterizing The Properties Of PDMS," pp. 1-11, Summer 2000			
	C45	GUÉRIN, L. J. et al., "Simple And Low Cost Fabrication Of Embedded Micro-Channels By Using A New Thick-Film Photoplastic," <i>Transducers '97</i> , 1997 International Conference on Solid-State Sensors and Actuators Chicago, Illinois, pp. 1410,1422, June 19-20, 1997			
EIK	C46	HARRISON, D. JED et al., "Micromachining A Miniaturized Capillary Electrophoresis-Based Chemical Analysis System On A Chip," <i>Science</i> , Vol. 261, pp. 895-897, August 13, 1993			

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EK	C47	HENION, JACK et al., "Capillary Electrophoresis/Mass Spectrometry: From One Meter Capillaries To Chip-Based Devices," 2 pages, 1999		
↑	C48	HICKS, JENNIFER, "Genetics And Drug Discovery Dominate Microarray Research," R&D Magazine, pp. 28-33, February 1999		
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EK	C61	JUNG, D. R. et al., "Chemical And Physical Interactions At Metal/Self-Assembled Organic Monolayer Interfaces," pp. 1-54, 1994		

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EK	C62	KAGAN, C. R., "Organic-Inorganic Hybrid Materials As Semiconducting Channels In Thin-Film Field-Effect Transistors," <i>Science</i> , Vol. 286, pp. 945-947, October 29, 1999		
	C63	KAPUR, RAVI et al., "Fabrication And Selective Surface Modification Of 3-Dimensionally Textured Biomedical Polymers From Etched Silicon Substrates," <i>Journal of Biomedical Materials Research</i> , Vol. 33, pp. 205-216, 1996		
	C64	KAWANO, YASUSHI et al., "Rapid Isolation And Identification Of Staphylococcal Exoproteins By Reverse Phase Capillary High Performance Liquid Chromatography-Electrospray Ionization Mass Spectrometry," <i>FEMS Microbiology Letters</i> , Vol. 189, pp. 103-108, 2000		
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	C72	KUMAR, AMIT et al., "Features Of Gold Having Micrometer To Centimeter Dimensions Can Be Formed Through A Combination Of Stamping With An Elastomeric Stamp And An Alkanethiol 'Ink' Followed By Chemical Etching," <i>Appl. Phys. Lett.</i> , Vol. 63, No. 14, pp. 2002-2004, October 4, 1993		
	C73	KUMAR, AMIT et al., "Patterning Self-Assembled Monolayers: Applications In Materials Science," <i>Langmuir</i> , Vol. 10, pp. 1498-1511, 1994		
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EK	C77	LAMMERINK, T. S. J. et al., "Modular Concept For Fluid Handling Systems," <i>IEEE</i> , pp. 389-394, 1996		

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EK	C78	LAZAR, IULIA M. et al., "Novel Microfabricated Device For Electrokinetically Induced Pressure Flow And Electrospray Ionization Mass Spectrometry," Journal of Chromatography A, Vol. 892, pp. 195-201, 2000		
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✓	C92	MULLER, RICHARD S. et al., "Surface-Micromachined Microoptical Elements And Systems," Proceedings of the IEEE, Vol. 86, No. 8, pp. 1705-1720, August 1998		
EK	C93	NEW OBJECTIVE, INC., "What Is Electrospray," www.newobjective.com/electrospray/electrospray.html , 4 pages, 1999		

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<i>EK</i>	C94	OLE SCHUK, RICHARD D. et al., "Analytical Microdevices For Mass Spectrometry," Trends In Analytical Chemistry, Vol. 19, No. 6, pp. 379-388, 2000			
<i>↑</i>	C95	OLSSON, ANDERS et al., "Simulation Studies Of Diffuser And Nozzle Elements For Valve-Less Micropumps," Transducers '97, 1997 International Conference on Solid-State Sensors and Actuators, Chicago, Illinois, pp. 1039-1042, June 16-19, 1997			
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	C103	Sandia National Laboratories, "Electro Microfluidic Dual In-Line Package (EMDIP)," 2 pages, no date			
	C104	SANJOH, AKIRA et al., "Spatiotemporal Protein Crystal Growth Studies Using Microfluidic Silicon Devices," Journal of Crystal Growth, Vol. 196, pp. 691-702, 1999			
	C105	SCHASFOORT, RICHARD B. M. et al., "Field-Effect Flow Control For Microfabricated Fluidic Networks," Science, Vol. 286, pp. 942-945, October 29, 1999			
	C106	SCHOMBURG, W. K. et al., "Fabrication Of Polymer Microcomponents With The AMANDA-Process," New Materials and Directions, Eurosensors XII, pp. 711-714, September 13-16, 1998			
	C107	SCHUELLER, OLIVIER J. A. et al., "Fabrication Of Glassy Carbon Microstructures By Soft Lithography," Sensors and Actuators A, Vol. 72, pp. 126-139, 1999			
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<i>○</i>	C109	SHINOHARA, JUN et al., "A High Pressure-Resistance Micropump Using Active And Normally-Closed Valves," IFFC '99 RF-01 2000			
<i>EK</i>	C110	SHOJI, SHUICHI, "Fluids For Sensor Systems," Topics in Current Chemistry, Vol. 194, pp. 163-188, 1998			

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ETC	C111	SHOJI, SHUICHI et al., "Smallest Dead Volume Microvalves For Integrated Chemical Analyzing Systems," <i>Transducers '91, 1991 International Conference on Solid-State Sensors and Actuators</i> , San Francisco, California, pp. cover, 1052-1055, 1991		
1	C112	SMITS, J.G., "Piezoelectric Micropump With Three Valves Working Peristaltically," <i>Sensors and Actuators</i> , Vol. A21-A23, pp. 203-206, 1990		
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	C117	Ullmann's Encyclopedia of Industrial Chemistry, Sections 6 to 6.3, Topic: Carbon Black, Sixth Edition, 7 pages, 1999		
	C118	UNGER, MARC A. et al., "Monolithic Microfabricated Valves And Pumps By Multilayer Soft Lithography," <i>Science</i> , Vol. 288, pp. 113-116, April 7, 2000		
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	C120	VAN DE POL, F.C.M. et al., "Micro Liquid Handling Devices - A Review," <i>Micro Systems Technologies</i> , Vol. 90, pp. 799-805, 1990		
	C121	VAN DEN BERG, A. et al., "Micro Total Analysis Systems," <i>Proceedings of the μTAS '94 Workshop</i> , University of Twente, The Netherlands, 17 pages, November 21-22, 1994		
	C122	VERPOORTE, ELISABETH M. J. et al., "Three-Dimensional Micro Flow Manifolds For Miniaturized Chemical Analysis Systems," <i>J. Micromech. Microeng.</i> , Vol. 7, pp. 246-256, 1994		
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JK	C124	WASHIZU, MASAO et al., "Molecular Dielectrophoresis Of Biopolymers," <i>IEEE Transactions on Industry Applications</i> , Vol. 30, No. 4, pp. 835-843, July 1994		
JK	C125	WFIGL, BERNHARD H., "Microfluidics-Based Lab-On-A-Chip Systems," <i>IVD Technology Magazine</i> , 8 pages, November/December 2000		

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EK	C126	WHITESIDES, GEORGE M. et al., "Flexible Methods For Microfluidics," Physics Today, pp. 42-48, June 2001			
7	C127	WHITESIDES, GEORGE M. et al., "Soft Lithography In Biology And Biochemistry," Annu. Rev. Biomed. Eng., Vol. 3, pp. 335-373, 2001			
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Examiner Signature	<i>Eric Keasel</i>	Date Considered	1 SEP 2006
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Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/045,132
(use as many sheets as necessary)				Filing Date	October 23, 2001
				First Named Inventor	B. Scott Driggs
				Art Unit	3754
				Examiner Name	Eric S. Keasel
Sheet	16	of	16	Attorney Docket Number	20174C-002910US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
ETK	C142	ZENGERLE, R. et al., "A Micro Membrane Pump With Electrostatic Actuation," Micro Electro Mechanical Systems '92, Travemünde, Germany, pp. 19-24, February 4-7, 1992		
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EK	C144	ZHANG, B. et al., "Microfabricated Devices For Capillary Electrophoresis-Electrospray Mass Spectrometry," Analytical Chemistry, Vol. 71, No. 15, pp. 3258-3264, August 1, 1999		

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Examiner Signature	<i>Eric S. Keasel</i>	Date Considered	15 SEP 2006
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